

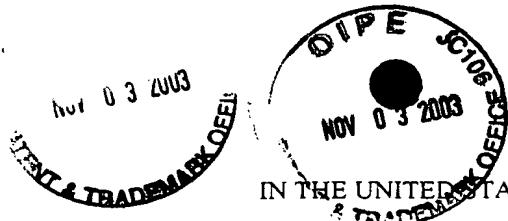
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NOV 06 2003

PATENT  
MIC04 P-113

TECHNOLOGY CENTER R3700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant : Imad Mahawili, Ph.D  
Group Art : 2835  
Serial No. : 10/074,287  
Filed : February 12, 2002  
For : ULTRA RAPID THERMAL PROCESSING CHAMBER AND METHOD OF USE

Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

CLAIMS AS AMENDED

	Col. 1		Col. 2	Col. 3	Small Entity		Other Than A Small Entity
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	Rate
Total Claims	* 77	Minus	** 50	= 27	x \$9	\$ .00	x \$18
Independent Claims	* 5	Minus	*** 4	= 1	x \$42	\$ .00	x \$84
First Presentation of Multiple Dependent Claims			\$140			\$	x \$280
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT			\$ .00				\$570.00

\* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3

\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

1.  Small entity status of this application 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted or is enclosed.
2.  No additional Fee is required.
3.  A check in the amount of \$570.00 is attached.
4.  Please charge any additional fees or credit overpayment to Deposit Account No. 22-0190.  
A duplicate copy of this sheet is attached.

By: VAN DYKE, GARDNER, LINN & BURKHART, LLP

Catherine S. Collins  
Registration No. 37 599  
P.O. Box 888695  
Grand Rapids, MI 49588-8695  
(616) 975-5500

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TECHNOLOGY CENTER R3700

3742  
HCO 11/6/03  
PATENT  
HIT02 P-113



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Shawntina T. Fuqua  
Applicant : Imad Mahawili, Ph.D  
Serial No. : 10/074,287  
Filing Date : February 12, 2002  
Group : 3742  
Confirmation No. : 4900  
For : ULTRA RAPID THERMAL PROCESSING  
CHAMBER AND METHOD OF USE

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

CERTIFICATE OF MAIL

I certify that the attached return postcard, Election, and a copy of the Preliminary Amendment filed May 31, 2002 are being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

on October 30, 2003

  
\_\_\_\_\_  
Catherine S. Collins  
Van Dyke, Gardner, Linn & Burkhart, LLP  
P.O. Box 888695  
Grand Rapids, MI 49588-8695  
(616) 975-5500

CSC:lmsc  
Enclosures

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NOV 06 2003

TECHNOLOGY CENTER R3700

PATENT  
HIT02 P-113

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Shawntina T. Fuqua  
Applicant : Imad Mahawili, Ph.D  
Serial No. : 10/074,287  
Filing Date : February 12, 2002  
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For : ULTRA RAPID THERMAL PROCESSING  
CHAMBER AND METHOD OF USE

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

### ELECTION

In response to the Election/Restriction Requirement mailed September 30, 2003, having a one-month period of response ending October 30, 2003, Applicant wishes to make the following election. Applicant provisionally elects Claims 1-37 and, further, provisionally elects Species A, namely the semiconductor processing chamber depicted in FIGS. 1-3.

### REMARKS

The Examiner requires restriction between two groups of claims, namely Group I represented by Claims 1-37, which are drawn to a semiconductor processing apparatus, and Group II, namely Claims 38-50 drawn to a method of heating a semiconductor substrate. Furthermore, the Examiner requires an election between two species, namely the species identified in FIGS. 1-3 and the species identified in FIGS. 4-6 and 6A. As noted above, Applicant provisionally elects Claims 1-37 and, further, elects the species depicted in FIGS. 1-3. The claims readable on the elected species include Claims 2-10, 16, 17, 18, 19,